

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 7,539,240 B2

APPLICATION NO. : 10/800,167

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INVENTOR(S) : Cairns, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Face Page, in Field (73), under "Assignee", in Column 1, Line 1,
 delete "Telefonaftebolaget" and insert - - Telefonaktiebolaget - -, therefor.

In Column 5, Line 15, in Equation (4), delete " $\hat{R}(\text{slot})$ " and insert - - $\hat{\mathbf{R}}(\text{slot}) \approx$ - -, therefor.

In Column 8, Line 6, in Equation (17), delete " $\mathbf{Z} = \mathbf{W}^H$." and insert - - $\mathbf{z} = \mathbf{w}^H \mathbf{y}$ - -, therefor.

In Column 15, Line 24, in Equation (30), delete " $\mathbf{z}_1 = \mathbf{e}_A^H \mathbf{y}_1 + (\mathbf{w}_B^H \mathbf{y}_2)^*$," and
 insert - - $\mathbf{z}_1 = \mathbf{w}_A^H \mathbf{y}_1 + (\mathbf{w}_B^H \mathbf{y}_2)^*$ - -, therefor.

In Column 16, Line 64, in Equation (36), delete " $\hat{\mathbf{R}}_{12}$ " and insert - - $\hat{\mathbf{R}}_{12}$ - -, therefor.

In Column 19, Line 7, delete "processor," and insert - - processor 16, - -, therefor.

In Column 19, Line 54, in Claim 5, delete "WCMDA" and insert - - WCDMA - -, therefor.

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